Appendix A References

A-1. Required Publications

EM 1110-1-2101

Working Stresses for Structural Design

EM 1110-2-2400

Structural Design of Spillways and Outlet Works

* EM 1110-2-2502

Retaining and Flood Walls

EM 1110-2-2602

Planning and Design of Navigation Lock Walls and Appurtenances

EM 1110-2-2701

Vertical Lift Crest Gates

EM 1110-2-2702

Design of Spillway Tainter Gates

EM 1110-2-2703

Lock Gates and Operating Equipment

EM 1110-2-2705

Structural Design of Closure Structures for Local Flood Protection Projects

EM 1110-2-2901

Tunnels and Shaft in Rock

EM 1110-2-2902

Conduits, Culverts, and Pipes

EM 1110-2-3001

Planning and Design of Hydroelectric Power Plants

EM 1110-2-3104

Structural Design of Pumping Stations

EM 1110-2-3400

Painting: New Construction and Maintenance

CE-1507.01

Tractor Gates-Broome Type

CE-1602

Dam Gantry Cranes

CW-05502

Miscellaneous Metal Materials, Standard Articles and Shop Fabrication Items

CW-09940

Painting: Hydraulic Structures and Appurtenant Works

CW-16643

Cathodic Protection Systems (Impressed Current) for Lock Miter Gates

American Association of State Highway & Transportation Officials (AASHTO) 1978

American Association of State Highway & Transportation Officials (AASHTO). 1978. "Guide Specifications for Fracture Critical Non-Redundant Steel Bridge Members," Washington, DC 20001.

American Association of State Highway & Transportation Officials (AASHTO) 1989

American Association of State Highway & Transportation Officials (AASHTO). 1989. "Standard Specifications for Highway Bridges," Fourteenth Edition, Washington, DC 20001.

American Institute of Steel Construction (AISC) 1984

American Institute of Steel Construction (AISC). 1984. "Engineering for Steel Construction," Chicago 60601-2001.

American Institute of Steel Construction (AISC) 1986

American Institute of Steel Construction (AISC). 1986. "Load and Resistance Factor Design Manual of Steel Construction," First Edition, Chicago 60601-2001.

American Institute of Steel Construction (AISC) 1989

American Institute of Steel Construction (AISC). 1989. "Allowable Stress Design Manual of Steel Construction," Ninth Edition, Chicago 60601-2001.

American Society of Civil Engineers (ASCE) 1990

American Society of Civil Engineers (ASCE). 1990. "Minimum Design Loads for Buildings and Other Structures (ASCE 7-88)," New York 10017-2398.

American Welding Society (AWS) 1990

American Welding Society (AWS). 1990. "Structural Welding Code - Steel, 1990," Miami, FL 33135.

Barsom and Rolfe 1987

Barsom, J., and Rolfe, S. 1987. "Fracture and Fatigue

EM 1110-2-2105 Change 1 31 May 94

Control in Structures, Applications of Fracture Mechanics," Englewood Cliffs, NJ 07632.

Ellingwood, MacGregor, Galambos, and Cornell 1982 Ellingwood, B., MacGregor, J. G., Galambos, T. V., and Cornell, C. A. 1982 (May). "Probability Based Load Criteria: Load Factors and Load Combinations," ASCE Journal of the Structural Division, Vol 108, No. ST5.

Galambos, Ellingwood, MacGregor, and Cornell 1982 Galambos, T. V., Ellingwood, B., MacGregor, J. G., and Cornell, C. A. 1982 (May). "Probability Based Load Criteria: Assessment of Current Design Practice," ASCE Journal of the Structural Division, Vol 108, No. ST5.

Kulak, Fisher, and Struik 1987

Kulak, G.L., Fisher, J.W., and Struik, H.A., 1987. "Guide

to Design Criteria for Bolted and Riveted Joints," Second Edition, John Wiley & Sons, Inc., New York

Kumar and Odeh 1989

Kumar, A., and Odeh, A. A. 1989. "Mechanical Properties and Corrosion Behavior of Stainless Steels for Locks, Dams, and Hydroelectric Plant Applications," Technical Report REMR-EM-6. Available from National Technical Information Service, 5285 Port Royal Road, Springfield, VA 22161.

McCormac 1990

McCormac, 1990. "Structural Steel Design LRFD Method," Harper and Row, Publishers, Inc., New York.